

Historical Floods: Potomac River at Springfield

Latitude: 39.447

Flood Stage: 15 ft

Period of Record: 1877-Present

Last Flood: 5/18/2011

Longitude: -78.654

Number of Floods: 81

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
11/25/1877	34.00	140,000	Major	*** (B)
4/21/1901	18.40	17,350	Minor	*** (5)
4/17/1929	19.13	36,400	Moderate	(!!!)
10/23/1929	16.33	25,600	Minor	(!!!)
11/19/1929	15.27	22,300	Minor	(!!!)
2/4/1932	20.40	42,500	Moderate	none
5/12/1932	17.88	31,600	Minor	none
8/24/1933	17.00	28,000	Minor	none
2/26/1936	16.10	24,800	Minor	none
3/18/1936	34.20	143,000	Major	none
4/27/1937	23.00	57,000	Moderate	none
10/29/1937	21.15	46,600	Moderate	none
1/31/1939	15.35	21,100	Minor	none
2/4/1939	21.40	47,700	Moderate	none
5/31/1940	20.11	41,000	Moderate	none
5/17/1942	16.63	24,200	Minor	none
5/23/1942	22.00	51,000	Moderate	none
10/16/1942	21.09	46,000	Moderate	none
9/19/1945	17.15	28,800	Minor	none
4/15/1948	17.35	29,400	Minor	none
6/18/1949	29.85	104,000	Major	none

12/5/1950	17.02	28,000	Minor	none
12/8/1950	17.65	30,400	Minor	none
4/28/1952	15.85	23,900	Minor	none
3/2/1954	17.31	29,200	Minor	none
10/16/1954	21.50	48,200	Moderate	none
12/30/1954	15.28	22,300	Minor	none
8/19/1955	25.55	73,400	Major	none
3/31/1960	16.33	22,900	Minor	none
5/9/1960	16.70	24,500	Minor	none
3/22/1962	17.27	29,200	Minor	none
3/20/1963	22.15	51,900	Moderate	none
3/6/1964	15.45	23,500	Minor	none
3/8/1967	21.00	45,500	Moderate	none
3/16/1967	15.24	22,900	Minor	none
2/27/1972	15.29	23,000	Minor	none
6/23/1972	17.87	31,500	Minor	none
10/6/1972	21.11	46,100	Moderate	none
12/27/1973	20.16	41,300	Moderate	none
6/3/1974	18.15	32,600	Minor	none
3/20/1975	20.34	40,500	Moderate	none
10/19/1975	17.32	27,900	Minor	none

Drainage Area: 1461 sq mi
Gage Datum: 562.02 ft MSL

Potomac Basin
Hampshire County

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1/1/1976	16.75	26,000	Minor	none
10/10/1976	23.42	58,300	Moderate	none
4/6/1977	16.58	25,500	Minor	none
1/27/1978	17.21	27,500	Minor	none
3/15/1978	18.10	30,700	Minor	none
3/27/1978	15.69	23,000	Minor	none
2/26/1979	19.17	34,200	Moderate	none
5/1/1980	16.07	24,000	Minor	none
3/21/1982	16.55	25,400	Minor	none
4/25/1983	16.71	25,900	Minor	none
2/15/1984	18.63	32,800	Minor	none
6/1/1985	16.20	24,400	Minor	none
11/5/1985	44.22	240,000	Major	none
3/15/1986	19.18	39,300	Moderate	none
4/17/1987	19.18	39,300	Moderate	none
3/24/1991	17.38	31,500	Minor	none
4/17/1993	18.26	34,500	Minor	none
2/10/1994	19.19	38,500	Moderate	none
5/8/1994	17.90	33,000	Minor	none
1/20/1996	28.41	93,900	Major	none
5/18/1996	16.79	29,300	Minor	none

9/7/1996	34.98	147,000	Major	none
3/21/1998	18.09	29,200	Minor	none
4/23/2002	17.49	27,700	Minor	none
2/24/2003	15.07	21,560	Minor	none
5/11/2003	15.95	23,675	Minor	none
9/20/2003	24.70	67,500	Moderate	none
11/20/2003	18.00	29,000	Minor	none
9/29/2004	15.19	21,800	Minor	none
3/3/2007	16.52	25,200	Minor	none
4/16/2007	19.50	33,200	Moderate	none
3/5/2008	16.93	26,300	Minor	none
1/26/2010	18.54	30,300	Minor	none
3/14/2010	19.37	32,700	Moderate	none
3/11/2011	15.24	21,900	Minor	none
4/13/2011	16.13	24,100	Minor	none
4/17/2011	15.35	22,200	Minor	none
4/29/2011	15.37	22,200	Minor	none
5/18/2011	19.01	31,500	Moderate	none

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Date of Flood

Crest (ft)

Streamflow (cfs)

Category

Code

-9999 signifies missing data

MARFC Codes

Code	Description
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(!!!)	Datum changed during this year.
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(1)	Backwater Effect.
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(2)	15.77 ft also occurred on 11/25/1950 but only counted as one flood.
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(3)	Estimated from current USGS rating table.
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(4)	Estimated height from the USGS.
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(5)	Gage height at a different site and/or datum
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(6)	Discharge affected by Regulation or Diversion
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(7)	Due to changes, prior floods were based on present flood stage. Therefore, flood data could possibly be incomplete.
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(8)	Gage is a staff gage and not the official USGS gage. Therefore, some floods may be missing from our study.
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(9)	Discharge effected by snow-melt, ice jam or debris jam break up
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(A)	Discharge affected to unknown degree by regulation or diversion.
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(B)	Month or day of occurrence is unknown or not exact.
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(C)	All or part of the record affected by urbanization, mining, agricultural changes, channelization, or other factors.
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(D)	Crest height adjusted to current datum.
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(E)	Estimated discharge.
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(F)	Only annual maximum peak available for this year.
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(O)	This flood occurred at a previous flood stage that is lower than the current flood stage. This is only a historical flood.
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**	Crest information looks reasonable despite potential problems. This data was used in our study.
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***	Crest information looks unreliable and incomplete and was not used in our flood frequency study.
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****	Gauge was discontinued in 2004. 2004 and later was not used in our study.
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none	No code
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